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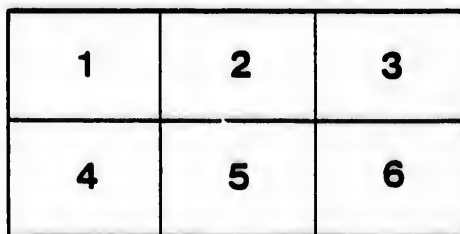
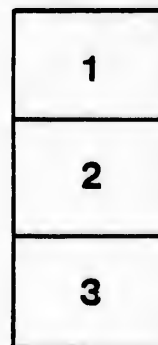
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7
ROBERTSON'S CHEAP SERIES

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BOOK OF RECORDS,

FAST TIMES AND EXTRAORDINARY FEATS.

Compiled from the most reliable sources. Fuller than the "Clipper" Almanac..

EDITED BY DAVID K BROWN

TORONTO
J. ROSS ROBERTSON, 55 KING-STREET WEST,
SOUTH-WEST CORNER OF BAY-STREET.
1879

A BOOK OF RECORDS.

IMPORTANT SCULLING MATCHES IN THE UNITED STATES AND BRITISH PROVINCES FOR THE PAST THIRTY YEARS.

Stephen Roberts rowed Sidney Dorlon five times, winning four; he also beat Robert Martin, Hudson River, 10 miles. Stephen Roberts is said to have beaten all opponents from his 18th to his 35th year. No record kept.

James Lee bt. Mike Conkling, off Battery, N. Y., \$200, May, 1850.

James Lee won first prize American Institute Fair Regatta, off Castle Garden, Sept., 1850.

James Lee bt. William Decker, off Battery, N. Y., Oct. 5, 1850.

James Lee bt. Charles Thomas, off Castle Garden, 3 miles, \$200, May 1851.

William Decker bt. James Lee, off Castle Garden, N. Y., \$900, July 1851. Suit entered and stakes drawn.

James Lee bt. Price, Hudson River N. Y., \$200, Aug., 1851.

Charles Price won first prize American Institute Fair Regatta, off Castle Garden, N. Y., Sept., 1851.

Charles Thomas bt. Price, off Castle Garden, 32:30, \$200, Sept., 1851.

Charles Thomas bt. Jas. Lee, off Castle Garden, 32:30, \$200, Oct., '51.

Charles Thomas bt. Jas. Lee, off Castle Garden, 32m., \$200, Oct '51.

Thomas Daw bt. Thomas Burns, 8 miles, \$200, Aug. 11, 1855.

Thomas Burns bt. Decker, D. Hayes and Collins, Fort Hamilton, N. Y., August 19, 1855.

Andrew Fay bt. Stephen Roberts, Harlem River, N. Y., 5 miles, \$50. Nov., 1855.

Andrew Fay bt. Stephen Roberts, Harlem River, N. Y., 5 miles, 44:20, \$200, Dec. 18, 1855.

First Shell in America built by James McKay, and launched June 4, 1856, Williamsbury L. I.

Thomas Burns took first first prize, Staten Island Regatta, Sept. 16, 1857.

Thomas Daw bt. William Glen, 5 miles,

43:06, \$1,000, Philadelphia, Pa., Oct, 28 1857.

John Hancon won first prize, Newburg (N. Y.) Regatta, July, 4, 1858.

Andrew Fay won first prize, Staten Island (N. Y.) Regatta, Aug, 1858.

J. H. Seymour won first prize, Springfield (Mass.) Regatta, 2 miles, 16:10, Aug. 27, 1858.

Josh Ward bt. John Hancon, Newburg, 2 miles, 16:07, Oct. 15, 1858.

T. Grover won first prize, Worcester (Mass.) Regatta, 2 miles, 16:20, July 5, 1859.

John Hancon won first prize, Staten Island (N. Y.) Regatta, Aug. 15, 1859.

Josh Ward bt. Walter Brown, Hancon and Grover, Newburg, N. Y., 5 miles, \$100, Sept. 20, 1859.

Andrew Fay bt. Tom Daw, Staten Island, 5 miles, 39m., \$1000, Sept. 29, 1859.

John Hancon won first prize, Albany (N. Y.) Regatta, 3 miles, 25:17, Sept. 1859.

Josh Ward, won champion belt, beating John Hancon, Andrew Fay, and Thomas Daw, Staten Island, N. Y., 5 miles, 35:10, Oct. 11, 1859.

Josh Ward won first prize, Boston (Mass.) Regatta, 3 miles, 23:16, \$200, Oct. 25, 1859.

Josh Ward won first prize, Worcester (Mass.) Regatta, 2 miles, 15:17, July 25, 1860.

Denny Leary won first prize, Poughkeepsie, N. Y., 5 miles, 48:26, Sept. 5, 1860.

Andrew Fay won first prize, Poughkeepsie N. Y., 5 miles, 39:15, Sept. 6, 1860.

Josh Ward won first prize, Albany (N. Y.) Regatta, Oct. 11, 1860.

Josh Ward bt. William Burger, Poughkeepsie, N. Y., 10 miles, 83m., \$500, Nov. 5, 1860.

Andrew Fay, bt. William Decker, Jersey City, N. J., 4 miles, \$400, Nov. 23, 1860.

William Stevens bt. J. Biglin, Poughkeepsie, 5 miles, 38:45, \$200, Sept. 24, 1861.

John Biglin bt. John McGrady, Harlem River, N. Y., 5 miles, 39:47. \$400, Oct. 3, 1861.

James Hamill bt. Wm. Campbell, Pittsburg, Pa. 3 miles, 24:50, \$50, Oct. 5, 1861.

James Hamill bt. Josh Ward, Philadelphia, Pa., 3 miles, 27:39, \$500, Aug. 13, 1862.

James Hamill won first prize, Beacon Cup, Boston (Mass.) Regatta, 2 miles, 18:05½, June 20, 1863.

Josh Ward, bt. James Hamill, Poughkeepsie, N. Y. 5 miles, 42:29, \$1,000, July 23, 1863.

James Hamill bt. Josh Ward, Poughkeepsie N. Y., 5 miles, 37:38, \$1,000, Sept. 28, 1863.

William Stevens bt. Gil Ward, Poughkeepsie, N. Y., 5 miles, 39:53, \$400, Oct. 28, 1863.

James Hamill bt. Josh Ward, Pittsburg, Pa., 5 miles, 40:46, \$1,000, July 19, 1864.

J. H. Radford won first prize, Worcester (Mass.) Regatta, 2 miles, 16:36, July 30, 1864.

John Bilgin bt. W. H. Hayes, Staten Island, 5 miles, 41:12, \$1,000, Nov. 9, 1864.

John Mekeel bt. Gil Ward, Sing Sing, N. Y., 5 miles, 41m., \$250, July 10, 1866.

Walter Brown bt. Josh Ward, Portland, Me., 3 miles, 22:30, \$2,000, Sept. 18, 1866.

Josh Ward won first prize, Springfield, (Mass.) Regatta, 2 miles, 15:59, Sept. 20, 1866.

Walter Brown bt. Josh Ward, Worcester (Mass.) Regatta, 2 miles, 15:15, Sept. 27, 1866.

John Bilgin bt. J. McGrady, Hoboken, N. J., 5 miles, 39:40 \$500, Nov., 1866.

William Stevens bt. Gil Ward, Poughkeepsie, N. Y., 5 miles, 38:39, \$300, Nov. 1, 1866.

Walter Brown, bt. James Hamill, Pittsburg, Pa., 5 miles, \$2,000, May 21, 1867.

Walter Brown pulled 3 miles against time, 23m., Worcester (Mass.) Regatta, July 19, 1867.

John Meekel won first prize, Worcester (Mass.) Regatta, July 19, 1867.

James Hamill bt. Walter Brown, Newburg, N. Y., 5 miles, \$2,000, Sept. 9, 1867.

Henry Coulter bt. John Meekel, Pittsburg, Pa., 5 miles, 41:50, \$2,000, Oct. 30, 1867.

John Tyler jr. won gold medal, Charles River Championship, Boston, Mass., 2 miles, 15:31, May 22, 1868.

John Tyler jr. bt. Walter Brown, Phila., Pa., 3 miles, June 18, 1868.

James Hamill bt. H. Coulter, Phila., Pa., 5 miles, \$2,000, June 19, 1868.

John Tyler jr. bt. Walter Brown, Hudson River, N. Y., 2 miles, June 24, 1868.

Charles Ward bt. J. T. Raymond, Sing Sing, N. Y., 5 miles, \$500, July, 1868.

John Tyler, jr. bt. John Meekel, Wor-

cester, Mass., 2 miles, 14:52, \$1,000, July 24, 1868.

George Brown won championship of Halifax, N. S., 2½ miles, 23:22, Aug. 1, 1868.

R. W. Hayes won championship, Toronto, C. W., 2 miles, 15:08, Aug. 22, 1868.

Walter Brown bt. H. Coulter, Pittsburg, Pa., less than 5 miles, 34:23½, \$2,000, Sept. 9, 1868.

John Meekel beat O'Neil. Newburg, N. Y., 2 miles, 15:51, Oct. 21, 1868.

John Meekel bt. J. Biglin, B. Biglin, J. Blue and W. H. Hayes. Hudson River, N. Y., 3 miles, Nov. 25, 1868.

Walter Brown won gold medal, Boston, Mass., 2 miles, 16:48, June 15, 1869.

Walter Brown won first prize, Boston, Mass., 2 miles, 17:14, June 17, 1869.

James Hamill and Henry Coulter, Pittsburg, Pa., 5 miles, \$1,000, draw, Aug. 7, 1869.

Henry Coulter bt. James Hamill, Pittsburg, Pa., 5 miles, 37:51, \$2,000, Aug. 19, 1869.

Wm. Scharff bt. Wm. Stein, Pittsburg, Pa., 3 miles, 25:07, July 3, 1869.

John Biglin bt. Fred Sinzer, Hudson River, N. Y., 5 miles, 46m., July 12, 1869.

John Blue bt. Fred Sinzer, Hudson River, N. Y., 5 miles, July 18, 1869.

Wm. H. Hayes won flag, Ned James' Regatta, East River, N. Y., 3 miles, Aug. 28, 1869.

Henry Coulter won first prize, Meadville, Pa., Sept. 11, 1869.

Wm. Scharff bt. Jos. Scott, Pittsburg, Pa., 1 mile, Sept. 18, 1869.

James Hamill won first prize, Louisville, Ky., 3 miles, 24:20, Sept. 14, 1869.

Thomas C. Butler won first prize, Boston, (Mass.) Regatta, 2 miles, 15:44, June 17, 1870.

J. J. O'Leary won first prize, Worcester (Mass.) Regatta, 2 miles, 16:11½, July 23, 1870.

Wm. Scharff bt. H. Best, Pittsburg, Pa., 5 miles, Aug. 5, 1870.

Ellis Ward won first prize, M. R. C. Regatta, East River, N. Y., Aug. 20, 1870.

John Meekel bt. Thomas C. Butler, Boston Mass., 3 miles, 22:54, \$500, Aug. 21, 1870.

T. C. Butler bt. J. A. Landers, Lowell, Mass., 2 miles, 16:05, \$500, Aug. 24, 1870.

Geo. Lovatt won championship of Halifax, N. S., Sept. 1, 1870.

William Scharff won single scull race, Pittsburg (Pa.) Regatta, 3 miles, 24:40, Sept. 3, 1870.

John Biglin and John Blue, Empire City Regatta, Harlem River, 4 miles, 32m. (dead heat), Sept. 6, 1870.

Ellias Ward won first prize at Bergen Point (N. J.) Regatta, 3 miles, 03:36, \$100, Sept. 10, 1870.

J. J. O'Leary bt. P. Harrington, Worcester, Mass., 3 miles (short), 22:05, Sept. 14, 1870.

Ed. Murphy bt. James Ten Eyck, Cornwall, N. Y., 3 miles, \$200, Oct. 5, 1870.

J. J. O'Leary bt. J. A. Landers, Worcester, Mass., 3 miles (short), 22:16, \$500, Nov. 3, 1870.

T. C. Butler won championship medal, Boston, Mass., June 17, 1871.

Ellias Ward won first prize, Newburg, N. Y. 4 miles, 31:55, July 5, 1871.

Eph Morris bt. Rooney Miller, Pittsburg, 3 miles, 24m., \$600, July 15, 1871.

W. B. Curtis won gold medal, N. Y. Athletic Club Regatta, Harlem River, N. Y., 2 miles, 14m., July 29, 1871.

Belyea bt. Brayley, St. John, N. B., 3 miles, 24m., Aug. 17, 1871.

Harry Kelley won first prize, \$1,000, Quebec, Dominion of Canada, Sept. 20, 1871.

Amelia Shea won first prize, Empire City Regatta, Harlem River, N. Y., 2 miles, 18:32, women's race, Sept. 25, 1871.

John Biglin won first prize, Empire City Regatta, Harlem River, 4 miles, 31:59, Sept. 25, 1871.

C. E. Courtney bt. Jack Elaeffer, Ithaca, N. Y., 19:51, May 11, 1872.

Wm. Scharff bt. T. C. Butler, Phila., Pa., 5 miles, \$1,000, June 7, '72.

M. F. Davis won gold medal, Portland, Me., 2 miles 16:37, June 12, 1872.

Ellias Ward bt. J. J. O'Leary, Worcester, Mass., 3 miles (?), 21:30, \$1,000, June 26, 1872.

Robert Berry bt. Henry Coulter, Buffalo, N. Y., rowing against time, 3 miles, 23½m., July 8, 1872.

J. O'Neil won first prize, Worcester, Mass., 2 miles, 15:45, July 19, '72.

R. Berry won first prize, Lachine (C. E.) Regatta, Aug. 17, 1872.

John Biglin bt. Ellias Ward, Nyack, N. Y., 5 miles, 39:05, \$1,000, Sept. 19, 1872.

J. McCready, bt. W. B. Curtis, gold medal, Harlem River, N. Y., 2 miles, Sept. 21, 1872.

Fred Wolf won first prize, Cincinnati (Ohio) Regatta, Sept. 27, 1872.

W. B. Curtis bt. J. McCready, gold medal, N. Y. City, 2 miles, 17:10, Oct. 16, 1872.

James Ten Eyck bt. Gil Ward and J. T. Raymond, Peekskill, N. Y., 3 miles, 24:23, Oct. 23, 1872.

Wm. B. Curtis won champion medal, Harlem River, N. Y., 2 miles, 14:29, May 9, 1873.

T. C. Butler won champion medal, Boston, Mass., May 16, 1873.

James Ten Eyck bt. Gil Ward, Mughag's Lake, N. Y., 2 miles, 20:12, \$100, June 4, 1873.

Eph Morris bt. T. C. Butler, Lowell (Mass.) Regatta, 2 miles, 15:10, July 9, 1873.

Wallace Ross bt. John Harding, St. John, N. B., July 10, 1873.

John Biglin bt. Ellias Ward, Springfield, Mass., 5 miles, \$1,000, July 15, 1873.

Robert Fulton won first prize, St. John (N. B.) Regatta, Aug. 21, 1873.

Chas. E. Courtney won first prize, Saratoga (N. Y.) Regatta, 2 miles, 14:15, Sept. 11, 1873.

Wm. B. Curtis rowed 50 miles, Chicago, Ill., 10h. 11m. 55s., April 25, 1874.

F. A. Plaisted won first prize, Boston, Mass., 1 mile, May 8, 1874.

T. C. Butler won first prize, West End Regatta, Boston, Mass., 2 miles, 16:05, June 17, 1874.

James Ten Eyck bt. Wm. Scharff, Peekskill, N. Y., 3 miles, 25m., \$1,000, June 25, 1874.

M. F. Davis won first prize, Portland (Me.) Regatta, 2 miles, 15:37, July 4, 1874.

Fred A. Plaisted bt. Michael Abearn, Boston, Mass., 5 miles, \$200.

James Ten Eyck bt. O. Dyckman, Peekskill, N. Y., 3 miles, 28:50, Aug. 1, 1874.

Alex. Brayley won first prize, St. Stephens, (N. B.) Regatta, 2 miles, 15:09, Aug. 4, 1874.

J. A. Ten Eyck won first prize Rockaway (L. I.) Regatta, Aug. 9, '74.

John Brown won first prize, Worcester (Mass.) Regatta, 2 miles, 15:01½, Aug. 19, 1874.

Wallace Ross won first prize, St. John, (N. B.) Regatta, August 21, '74.

Chas. E. Courtney won first prize, Saratoga (N. Y.) Regatta, 2 miles 14:44, Aug. 28, 1874.

Eph Morris bt. H. Coulter, Hulton, Pa., 5 miles, 37:03, \$1,000, Sept. 11, 1874.

Chas. E. Courtney won first prize, Owassa Lake Regatta, Auburn, N. Y., Sept. 14, 1874.

J. A. Landers won first prize, Sebago Lake, Me., 3 miles, 19:32, Sept. 16, 1874.

John Biglin bt. J. Ten Eyck, Nyack, N. Y., 3 miles, about 23m., \$1,000, Oct. 9, 1874.

Fred A. Plaisted bt. T. C. Butler, Boston, Mass., 2 miles, 14:46½, \$200, Oct. 10, 1874.

Eph Morris bt. H. Coulter, Hulton, Pa., 5 miles, \$1,000, Oct. 16, '74.

Chas. E. Courtney won first prize, Saratoga (N. Y.) Regatta, 2 miles, 13:39½, Aug. 1875.

John Brown won championship of Halifax, N. S., 3 miles, Aug. 2, '75.

A. Brayley bt. P. McNulty, St. John, N. B., 3 miles, 25:20, \$400, Aug. 12, 1875.

Ed. Hanlan bt. T. Loudon, Ontario championship, Toronto, \$200, Aug. 20, 1875.

A. Brayley bt. Landers, St. Stephens, N. B., 3 miles, Aug. 23, 1875.

M. F. Davis bt. F. A. Plaisted, Boston, Mass., 3 miles, 22:15, Aug. 25, 1875.

M. F. Davis bt. F. A. Plaisted, Portland, Me., 3 miles, Sept. 1, 1875.

M. F. Davis bt. J. J. O'Leary, Portland, Me., 3 miles, 23m., \$500, Sept. 15, 1875.

Geo. Englehart bt. James O'Neal, Saratoga Lake, N. Y., 3 miles, 22:22½, 2,000, Sept. 23, 1875.

A. Brayley bt. J. Brown, Halifax, N. S., 3 miles, \$200, Sept. 24, 1875.

Ellias Ward bt. Frank Kilaby, Seneca Lake, N. Y., 2 miles, 15:28, \$1,000, Oct. 8, 1875.

W. Ross won first prize, Portland Harbour, May 24, 1876.

Wallace Ross bt. A. Brayley, St. John, N. B., 5 miles, 41:03½, \$400, June 15, 1876.

T. C. Butler won first prize, West End Regatta, Boston, Mass., 16m., June 17, 1876.

Warren Smith won first prize, Halifax, N. S., 3 miles, 23m., Aug. 7, 1876.

James Riley won first prize, Saratoga, (N. Y.) Regatta, 2 miles, 13:21½, Aug. 9, 1876.

Ed. Hanlan won first prize, Toronto, (Ont.) Regatta, 2 miles, Aug. 12, 1876.

A. T. Stewart bt. T. C. Butler, Sebago Lake, Me., 2 miles, 17:37, Aug. 16, 1876.

Wallace Ross bt. Alex. Brayley, St. John, N. B., 3½ miles, \$200, Oct. 19, 1876.

Eph Morris bt. Wm. Scharff, Pittsburg, Pa., 5 miles, 36:45, \$2,000, June 9, 1877.

J. Hanlan bt. J. Adair, 2 miles, \$100, Toronto Bay, Ont., June 8, 1877.

Ed. Hanlan won first prize, Silver Lake, (Mass.) Regatta 3 miles, 21:41½, June 25, 1877.

M. F. Davis bt. Geo. Faulkner, Boston, Mass., 3 miles, 22:58½, \$1,000, June 27, 1877.

P. Regan bt. J. A. Lannanders, Boston, Mass., 3 miles, 22:53½, \$2,000, June 29, 1877.

Wallace Ross bt. Warren Smith, St. John, N. B., 3 miles, 26m., July 25, 1877.

Chas. E. Courtney bt. Riley and Plaisted, Saratoga, N. N., 3 miles, 20:47½, Aug. 28, 1877.

C. E. Courtney won first prize, Owasco Lake, (N. Y.) Regatta, 3 miles, 21:29½, Sept. 27, 1877.

Eph. Morris bt. Patrick Luther, Hulten, Pa., 5 miles, 37m., \$2,000, Oct. 13, 1877.

Edward Hanlan bt. Wallace Ross, Toronto, \$2,000, Oct. 15, 1877.

Chas. E. Courtney won first prize, Owego Lake Regatta, 3 miles, 20:14½, Oct. 17, 1877.

M. F. Davis bt. George Hosmer, \$1,000, Boston, Mass., 3 miles, 23:04, Nov. 27, 1877.

IMPORTANT SCULLING MATCHES IN IN ENGLAND AND AUSTRALIA, FROM 1851 TO THE PRESENT TIME.

In contests where no places are designated, the matches took place on the Thames Champion Course, distance four miles three furlongs.

Robert Chambers won Thames National Regatta, 1856.

Robert Chambers won Thames National Regatta, 1858.

Robert Chambers bt. Tom White, Tyne, April 19, 1859.

Robert Chambers bt. Tom White, Sept. 1860.

George Drewitt bt. Harry Clasper, Tyne, 22:32 £200, April 24, 1860.

Harry Kelley bt. J. Messenger, 23:30, May 12, 1857.

Richard Green bt. Thomas McGrath, Port Jackson, Australia, 26:30, £200, Aug. 9, 1859.

Robert Chambers bt. H. Kelley, 25:25, Sept. 29, 1859.

Henry Clasper bt. R. Clandish, Tyne, Sept. 27, 1860.

William Lumblly bt. Wm. Taylor, Tyne, Sept. 27, 1860.

R. Cooper bt. G. Strong, Tyne, Sept. 27, 1860.

G. Hammerton bt. G. Drewitt, 24:25, £100, Nov. 14, 1860.

J. H. Clasper bt. G. Drewitt, Tyne, £400, May, 1862.

AMERICAN CHAMPIONSHIP BOAT- RACES.

SINGLE-SCULLS.

No official time was taken of those marked thus.*

1859, Oct 11—J Ward won championship belt, 5 miles, turn, Staten, Island 35m 10s.

1862, Aug 13—J Hamill bt J Ward, \$500, 3 miles, turn, Phila, 22m 27s.

1862, Aug 14—J Hamill bt J Ward, \$500, 5 miles, turn, Phila, 37m 39s.

1863, July 23—J Ward bt J Hamill, \$1,000, 5 miles, turn, Poughkeepsie, 42m 20s.

1863, Sept 28—J Hamill bt J Ward,

\$2,000, 5 miles, turn, Poughkeepsie, 37m 37s.

1864, July 10—J Hamill bt J Ward, \$1,000, 5 miles, turn, Pittsburg, Pa., 40m, 46s.

1867, May 21—W Brown bt J Hamill, \$2,000, 5 miles, turn, Pittsburg, 46m 30s.

1867, Sept 9—J Hamill bt W Brown, \$4,000, 5 miles, turn, foul, Newburg, N Y, sunk.

1868, June 19—J Hamill bt H Coulter, \$2,000, 5 miles, (short) turn, Phila, 37m 26s.

1868, Sept 9—W Brown bt H Coulter, \$2,000, less than 5 miles, Pittsburg, 34m 28s.

1874, July 8—G Brown beat W Scharff, \$4,000, 5 miles, turn, Springfield, Mass. *

1874, September 26—G Brown beat E Morris, \$4,000, 5 miles, turn, St. John, N B, 37m.

1875, September 11—E Morris beat H Coulter, \$1,000, 5 miles, (short) Hulton, Pa. *

1875, October 16—E Morris beat H Coulter, \$1,000, 5 miles, (short) Hulton, 35m 20s.

1876, October 21—W Scharff beat E Morris, \$2,000, 5 miles, turn, Pittsburg. *

1877, June 9—E. Morris beat W Scharff, \$2,000, 5 miles, turn, Pittsburg, 36m 45s.

1877, October 13—E Morris beat Pat Luther, \$2,000, 5 miles, turn, Hulton, 37m.

1878, June 20—E Hanlan beat E Morris, \$2,000, 5 miles, turn, Hulton, 37.

1878, October 4—E Hanlan beat Charles E Courtney, \$2,000 a side, (nominally, really \$1,000 a side) with a \$6,000 purse added, 5 miles, turn, 36m 23s.

FOUR-OARED SHELLS.

1865, July 18—John, James and Bernard Biglin and D Leary of New York City bt E Beneway, W Berger, H Wooden and W Stevens of Poughkeepsie, \$6,000, 5 miles, turn—Poughkeepsie, N Y, 37m 10s.

1865, Sept 25—Joshua, Gil, Charley and Henry Ward bt Biglin-Leary crew, \$2,000, 5 miles, turn, Sing Sing, N Y, 33m 05s.

1867, Sept 11—Ward Brothers (as above) bt D McCaffrey, J W McCaffrey, John Morris and T M McAuley of St John, N B, \$2,000, 6 miles, turn, Springfield, Mass, 39m 28s.

1868, Oct 21—Paris Crew of St John (G Price, E Ross, S Hutton and R Fulton) bt Ward Brothers, \$3,000, 6 miles, turn, Springfield Mass, 39m 27s.

BRITISH SCULLING CHAMPIONSHIP.

STRAIGHTAWAY RACES.

1871, Sept 9—C Campbell bt Williams, Thames River.

1846, Aug 19—C Coombes bt C Campbell, £460, 4½ miles, Thames, 26m 15s.

1852, May 24—T Cole bt R Coombes, £400, 43 miles, Thames, 25m 15s.

1857, Nov 20—J Messenger bt T Cole, £400, 4½ miles, Thames, 24m 45s.

1357, May 12—H Kelley bt J Messenger, £400, 4½ miles Thames, 34m 30s.

1859, Sept 29—R Chambers bt H Kelley, £400, 4 3-8 miles, Thames 25m 25s.

Frank Kilsby bt. W. Spencer, Thames (short), 23:05, Sept. 22, 1862.

Frank Kilsby bt. W. Spencer, 27:29, Nov. 10, 1862.

1863, June 16—R Chambers (champion of England) bt R A W Green, Champion of Australia) Match £400, 4 3-8 miles straightaway, Thames, Eng., 52m 23s.

Tom King (pugilist), bt. E. May, Thames Course (short), 27:10, £50, Nov. 4, 1864.

David Coombes bt. Frank Kilsby, 25:16, £200, Dec., 1864.

1865, Aug 8—H Kelley bt R Chambers £400, 4 3-8 miles, Thames, 23m 26s.

1866, July 4—H Kelley (champion of England) bt J Hamill (champion of America) match £500 and championship of the world, 4½ miles straightaway, Tyne, Eng., 33m 29s.

1866, July 5—H Kelley bt J Hamill match £500, turn, Tyne, 36m.

1866 Nov 22—R Chambers bt J Sadler £400, 4 3-8 miles 25m 4s.

1867, May 6—H Kelley bt R Chambers, £400, about 4½ miles, Tyne 31m 47s.

Tom King bt. Percy, £100, Jan. 26, 1865.

Harry Kelly bt. R. Chambers, Tyne, 4½ miles, 31:49½, £400, May 6, 1867.

Harry Kelley and J. H. Sadler, £600 (foul), Nov. 27, ordered to row Nov. 28, 1867;

Kelley rowed over the course alone. W. Sadler bt. J. Biffin, £100 (foul), Feb. 11, 1868.

James Renforth bt. J. Bright, Tyne, 2 miles, 13:22, March 28, 1868.

James Renforth won Thames Regatta, £90, Aug. 4, 1868.

James Renforth bt. H. Kelley, £400, Nov. 7, 1868.

Harry Kelley bt. J. H. Sadler, 23m, £400, Dec. 1, 1868.

Mark Addy bt. W. Sadler, £200, March 15, 1869.

Robert Cooper bt. J. Taylor, Tyne, £100, April 12, 12, 1869.

James Renforth won Thames Regatta, 24:01, Aug. 1869.

Walter Brown (American) bt. W. Sadler, Tyne, £100, Nov. 19, 1869.

William Sadler, bt. J. Heath, £100, March 1, 1870.

Harry Kelley bt. J. Bright, Tyne, 28:30 £400, May 2, 1870.

John Winship bt. R. Hepplewhite, Tyne, £100, May 21, 1870.
 Michael Rush bt. Hickey, Sydney, Australia, May 21, 1870.
 J. H. Sadler bt. Harry Kelley, 24:07½, £400, July 14, 1870.
 Stephen Wright bt. William Saddler, King's Lynn, £100, July 27, 1870.
 J. H. Sadler won Thames championship, Aug. 15, 1870.
 William Hickey bt. M. Rush, Sydney, Australia, 25:03, £400, Nov. 19, 1870.
 Robert Bagnall bt. Ralph Hepplewhite, Tyne, £50, May 1, 1871.
 Robert Bagnall bt. Mark Addy, 29:55, £100, May 1872.
 Thomas Winship bt. W. Biffin, 29:40, £100, May 7, 1872.
 R. Bagnall bt. M. Addey, 2 miles, £100, Nov. 4, 1872.
 M. Rush bt. Wm. Hickey, Sydney, Australia, £200, Feb. 15, 1873.
 Thomas Winship bt. J. Lally, Tyne, £200, March 10, 1873.
 Alexander Hogarth bt. R. W. Boyd, Weir, £50, July 23, 1873.
 Harry Kelley bt. J. Taylor, Tyne, 3 miles, 20:03, £400, July 23, 1873.
 Alex. Hogarth bt. R. W. Boyd, Weir, £50, Aug. 4, 1873.
 Robert Bagnall bt. H. Kelley, Tyne, 3 miles 713 yds., 27:18, £400, Aug. 11, 1873.
 Frank Kilsby bt. W. Sadler, 25:42, £50, Dec. 5, 1873.
 Ralph Hepplewhite bt. A. Hogarth, Tyne, £80, July 27, 1874.
 Frank Kilsby bt. W. Sadler, £50, Nov. 9, 1874.
 Joseph H. Sadler bt. R. W. Boyd, 28:35, £400, Nov. 15, 1874.
 Ralph Hepplewhite bt. T. Winship, Tyne, 3½ miles, £200, March 8, 1875.
 Robert Bagnall bt. W. Lumsden, Tyne, 3½ m., £200, March 9, 1875.
 Robert Watson Boyd bt. J. H. Sadler, Tyne, 1 mile, 6:10½, £200, March 22, 1875.
 William Lumsden bt. A. Strong, Walney Chanell, 2½ m. 14:15 3-5, £200, May 13, 1875.
 John Higgins bt. C. Brian, £200, Oct. 2, 1875.
 John Higgins bt. A. Strong, £200, 23:05, Oct. 19, 1875.
 Thomas Green bt. R. Hepplewhite, £200 Nov. 3, 1875.
 William Lumsden bt. R. Bagnall, Tyne, 3 miles, 24:33½, £200, May 9, 1876.
 Henry Thomas bt. T. Winship, 24:35, £200, June 19, 1876.

'NEWCASTLE CHRONICLE' CHAMPIONSHIP

Rowed for the first time on the Tyne on March 17 and 19, 1877. Competitors—R W Boyd, Gateshead; W Lumsden, Blyth; Wm Nicholson Stockton; and Wm Elliott Blyth. In the final heat.

1877—R W Boyd, Gateshead beat W Nicholson, Stockton, Mansion House to Scotswood Suspension Bridge on the Tyne, 25m 45s.

R. W. Boyd won first prize, Thames Regatta, Nov. 4, 1876.

R. W. Boyd won Tyne Challenge Cup, March, 1877.

Thomas Blackman bt. W. Lumsden, Tyne, 3½ miles, 26:20, £200, April 16, 1877.

John Bright bt. R. Cooper, Tyne, 3½ miles, 26:03, £100, April 17, 1877.

Thomas Green bt. R. Hepplewhite, £200, May 14, 1877.

J. Higgins bt. Thos. Blackman, £200, June 11, 1877.

Edward Trickett bt. M. Rush, Sydney, Australia, 3½ miles, £400, 23:26, June 30, 1877.

R. W. Boyd won first prize, Thames Regatta, July, 1877.

George Tarryer bt. C. Brian, 22:25, £200, Aug. 13, 1877.

J. Higgins bt. R. W. Boyd, 24:10, Oct., 1877.

J. H. Sadler bt. H. Kelley, 24:03, £200, Nov. 5, 1877.

W. Elliott bt. R. Bagnall, Tyne, 30:05, £100, Jan. 15, 1878.

1877—R W Boyd Gateshead beat John Higgins, Shadwell, cup and £400. Putney to Mortlake 29m. May 28.

1877—J Higgins, Shadwell, beat R W Boyd, Gateshead, cup and £400. Putney to Mortlake, 24m 10s. Oct 8.

1878—John Higgins, Shadwell, beat R W Boyd, £400 and cup. Mansion House to Scotswood Suspension Bridge on the Tyne. Won on a foul; no time taken. Jan 14.

1878—John Higgins, Shadwell, beat Wm Elliott, Pegswood, £400 and cup. Putney to Mortlake, 24 min 38 secs. June 3.

'SPORTSMAN' CHALLENGE CUP.

Rowed for the first time on the Thames, Sept 16 and 17, 1878. Competitors—John Higgins, Shadwell; Wm Elliott, Blyth; R W Boyd, Gateshead; and Thos. Blackman, Dulwich. In the final heat—

1878—Wm Elliott, Blyth, beat R W Boyd, Gateshead. Putney to Mortlake, Won on a foul, 24 min 47 sec.

1879—Wm. Elliott, Blyth beat John Higgins, Shadwell. Cup and \$400. Man-

sion House to Scotswood Suspension Bridge.
Time, 22 mins 1 sec. Feb. 17.

1879—Hanlan beat Elliott, Tyne course,
June 16, time, 21 min 1 sec.

INTERNATIONAL ROWING RACES, EXCLUSIVE OF CHAMPIONSHIP RACES.

1869, July 24—Walter Brown won first
prize, regatta, 2 miles, beating Haycock and
Tinning of Toronto, Lachine, Canada, 13m
23s.

1869, Nov. 19—Walter Brown, of America,
beat William Sadler, match, £200, 3
miles 713 yards, straightaway, Tyne 21m
50s.

1871, Sept. 1—J H Sadler of England won
first prize, \$500, beating G Brown, H Kel-
ley, H Coulter and others, 3 nautical miles,
straightaway, Halifax, N S, international
regatta, 25m 2s.

1871, Sept 11—J H Sadler won first prize,
\$1,000, beating Kelley, John Biglin, E
Ward and others, 4 miles, turn—Saratoga
Lake, N Y., 30m 18½s.

1872, July 4—William Scharff of Pitts-
burg, Pa, beat R Tinning of Toronto, On-
tario, special prize \$200, 2 miles, turn—
Buffalo, N Y, regatta, 15m 37s.

1872, July 8—R Berry of Toronto, On-
tario, beat H Coulter of Pittsburgh, Pa, \$200,
3 miles, turn, against time—Buffalo, N Y,
23m 30s.

1873, June 28—P Luther of Pittsburgh
won first prize, \$125, 2 miles, turn—Toron-
to, Ontario, 15m 48s.

Same date and place, W Snyder of Pitts-
burg won first prize, 2nd class race, \$25 belt,
same course, 15m 31s.

Aug 17, 1878, Felsing beat Weisgerber at
Beach Bottom, three miles, 20 min 40 sec.

July 31, 1878, Hanlan beat Wallace Ross,
five miles, turn, at St Johns, N B, in 37min
3sec.

1873, Sept 6—H Coulter of Pittsburgh Pa
bt E Morris R Berry and T Louden \$200, less
than 2 miles, regatta—Toronto Ont 13m 05½s.

1873 Sept 18—R Fulton beat John A
Biglin of N Y, A B Brayley and others, \$400
3 miles turn regatta—St John N B 27m 42s.

1873 Sept 23—G Brown of Halifax bt
John A Biglin of N Y, match \$2000 5miles,
turn—St John N B 38m 45s.

1876 Sept 6—Ed Hanlan of Canada won
first prize 3 miles turn beating J Higgins E
Morris and others Centennial professional
regatta—Phila 21m 9½s.

1876 Sept 1—C E Courtney of N Y State
won first prize, 1½ miles straightway Centen-
nial amateur regatta—Phila, 10m 48½s.

1877 June 6—Wallace Ross of St John bt

F A Plaisted of N Y, match \$1,000 about 3½
miles straightaway—St John N B 27m 7½s.

1878 May 15—Ed Hanlan bt F A Plaisted
match \$2,000 2 miles straightway—Toronto
Ont.

1878 July 1—Ed Hanlan bt F A Plaisted
J A Kennedy, J H Riley and J A Ten Eyok
\$500 4 miles turn—Regatta at Brockville Ont.

1878 July 4—Ed Hanlan bt Plaisted and
W McKen \$200 4 miles turn regatta—Cape
Vincent N Y.

1878 July 4—T C Edwardes-Moss bt Geo
W Lee of Newark N J amateur race, Diamond
Sculls 15-16 miles straightaway—Henley
Regatta Eng, 9m 8s.

1878, Aug 12—E Hanlan beat Wallace
Ross 2, Geo Hosmer 3, Pat Luther 4, W
McKen 5, F Plaisted 6, A Elliott 7, Harry
Coulter 8, E Morris 9, at Barrie Regatta; 4
miles, time about 28min—not official.

1878, Aug 13—Plaisted beat Luther, Mc-
Ken, Ed Ross and Elliott, at Barrie Regatta;
four miles, in 29m 31s—not official.

1878, Aug 18—Ed Ross beat Morris, El-
liott and Coulter, at Niagara Regatta; short
three miles, in 18m 10s

1878, Aug 28—Hosmer beat Morris, Ross,
McKen, Luther and Plaisted, short four
miles, at Hamilton Regatta, in 23m 17s.

1878, Aug 30—Morris beat Plaisted, Ross,
Luther, McKen, Elliott and Ed Ross, at
Hanlan Island Regatta; three miles, in 22m.

1878, Sept 18—Morris beat Riley, Ken-
nedy, Hosmer, Elliott, John Hanlan, Mc-
Ken, Gaudaur and Plaisted; four miles, at
Sturgeon Point Regatta—not official.

1879, May 5—Hanlan beat John Hawdon
of Delavel, on the Tyne Championship
Course, easily; 32m 05s; very rough.

1879, Aug 18—Hanlan and Riley rowed a
dead heat for first place, beating Kennedy,
McKen, Elliott, Gaudaur, Hosmer, Plaisted,
Berry, Jack Hanlan and Fatullo; four miles,
27m 12s; Hanlan refused to row over.

1879, Oct 16—Hanlan rowed over for a
\$6,000 purse, on Chautauqua Lake; Court-
ney's boat cut and unable to answer call of
referee; time, 33m 56½s; purse withheld for
another race.

FOUR-OARED SHELLS.

1855, July 5—E Welch, John Morris, E
McAuley, J Lambert (Neptune crew) of St.
John N B, bt Pat Lynch, S Roberts, J
Mathieson, H Lawson, G C Neuman, cox,
(J D R Putman crew) of New York match
\$600, 6 miles, turns, Boston, 47m 35s.

1856, Sept 20—E Welch J Morris, D Mor-
ris, J Lambert (Neptune) of St John, bt S
Roberts, C Wetherell, W Sellers, T Daw, J
Elliott, cox. McKay crew) of New York,
\$2,000, 6 miles, turns, Boston, 42m 4s.

3858, Oct 15.—W Dinning, T Tinning, M Teedy, J Tinning R. Tinning, cox. (Shakespeare R C), of Toronto, C W, bt Metropolitan R C, of Chicago, \$1,000, 5 miles, turn, Chicago, Ill, 42m

1867, July 8—G Price, E Ross, S Hutton and R Fullerton of St John N B, won first prize, 2,00fr, btg French and English crews, unrigged boats, 3 miles 5 furlongs 4 rods, two turns—Exposition regatta, Paris, France.

1867, July—St John crew (as above) won first prize, 1,000fr, btg London R C, Etouian Club and other crews, outriggers, 1½ miles, straight-away—Exposition Regatta, Paris.

1869, Aug 27—Oxford University of Oxford, Eng, F Willan, A C Yarborough, J C Tinne, S D Darbishire, J H Hall (cox), bt Harvard University of Cambridge, Maas—J S Fay, F O Lyman, W M Simmons, A P Loring, A Burnham (cox), amateur match, 4½ miles, straightaway—Thames Eng, 22m 20½s.

1870, Sept 15—James Taylor, T Winship, J Martin, Jas Renforth of Newcastle, Eng, bt G Price, S Hutton, E Ross, F Fulton of St John, £1,000 and Championship of the world, 6 miles, turn, Lachine, Canada, 40m 59½s.

1871, July 5—George Verner, A Erwein, C Meinhart, William Scharff (McKee B C) of Pittsburg, Pa, beat Tinning and Dillon crews of Toronto, Ontario, \$500, 3 miles, turn—Buffalo, N Y, regatta, 20m 9½s.

1871, August 23—Paris crew of St. John (as above) beat J Percy, R Chambers, H Kelley, J Renforth of Newcastle, England. (Renforth seized with fatal illness and crew withdrew), £1,000 and championship of the world, 6 miles, turn—St. John, 39m 20½s.

1871, August 31—James Taylor, J H Sadler, R Bagnall, T Winship of Newcastle, England, won first prize, \$3,000, beating American, Canadian and another English crew, 6 nautical miles, turn, Halifax, N S, international regatta, 44m 28s.

1871, Sept 11—Ellis, Joshua, Gilbert and Henry Ward of Cornwall, N Y, won first prize, \$1,250, btg Taylor-Winship, Tyne, Biglin-Coulter, and other crews, 4 miles, turn—Saratoga, N Y, international regatta, 24m 40s.

1872, June 10—London R C—J B Close, F S Gulston, A De L Long, W Stout, Alex beat Atlantic B C of N Y—Ed. Smith, Handy, T Van Raden, R Withers, amateur match, 4½ miles, straightaway—Thames, Eng, 21m 16s.

1872, July 4—C Meinhart, N Denmarsh, H Beat, W Scharff (McKee B C) of Pittsburg, Pa, bt New Dominion B C of Toronto,

Ont, \$500, 3 miles, turn—Buffalo, N Y, regatta, 21m 42½s.

1873, June 28—C Meinhart, N Denmarsh, H Beat, W Scharff (McKee B C) of Pittsburg won first prize, \$300, 4 miles, turn, regatta—Toronto, Ont, 26m 04s.

Same date and course, S Donovan, J Supple, M Byrne, W Dillon (Erie R C) of Buffalo bt New Dominion R C of Toronto, medals worth \$100, 29m 20s.

1873, Sept 18—G Price, E Ross, S Hutton, R Fulton (Paris crew) bt Longshore of Portland, Me, and other crews, \$1,000, 6 miles, turn—regatta, St John, N B, 39m, 34½s.

1876, Sept 1—James J McCormick, L H McEntee, R T Gorman, T G Gorman (Beaverwyck R C of Albany, N Y) won first prize, bt London R C and Watkins B C in final heat, 1½ miles, straightaway—Centennial amateur regatta, Philadelphia, 9m 6s.

1878, July 4 5—E E Sage, C Edson, H G Ridabock J T Goodwin (Columbia College of New York) bt Oxford and Cambridge University crews, amateur, Visitors' Challenge Cup, 1 5-16 miles straightaway—Henley regatta, Eng. Final heat won in 8m 41s.

1878, July 5—S Smith F S Gulston A Trower F L Playford (London R C) bt M Nadeau, W H Durell J Nadeau, S Dessau (Sho-wae-cae-mette B C of Monroe Mich,) amateurs, Stewards' Challenge Cup, 1 5-16 miles, straightaway Henley regatta, Eng, 8m 26s.

FASTEST ON RECORD.

Performances by amateurs are designated by a *.

1½ miles—7:46½*, four oars, straightaway, Emerald Club of Saginaw, Mich—strong current—Detroit, Mich, Aug 15, 1877.

1½ miles—8:18*, double-scutt straightaway, Quaker City Club, Phila—strong current—Detroit, Mich, Aug 15, 1877.

1½ miles—8:56½*, pair-oar, straightaway, Mutual Club, Albany, N Y—C E Butler, H C Graves—Newark, N J Aug 20, 1878.

1½ miles—9:00½*, single-scutt, straight, G W Lee, Triton Club—Newark, N J, Aug 21, 1878.

2 miles—12:16*, double-scutt, turn, F E Yates and C E Courtney—Saratoga, N Y, Aug 8 1876.

2 miles—12:20½*, pair-oar, straight, J. Riley and J Kennedy—Greenwood Lake, N Y, Oct 9, 1876.

2 miles—13:21½*, single-scutt, turn, James Riley, Neptune Club, Staten Island—Saratoga, N Y, Aug 5, 1876.

3 miles—15:37½*, four oars, straight,

Argonauts R A—Kill von Kull, N J, Sept 8, 1875.

3 miles—16:32 4-5,* six-oars straight, Amherst University, G E Brewster, B L Brown, L Bradley Jr, F M Wilkins, A J Benedict, W Ngray—Springfield, Mass, July 24, 1872.

3 miles—17:34½,* eight-oars, straight, Cornell University crew (see College races) Owasco Lake, N Y, July 17, 1878.

3 miles—17:40½, six-oars, turn, Josh, Gil, Ellis, Charley and Hank Ward, and J T Raymond, defeating Harvard U B C—Lake Quinsigamond, Mass, July 22, 1868.

3 miles—17:48½,* six-oar, turn, Harvard U B C.—G W Holbridge, W W Richards, J W McBirney, W H Simmons, R C Watson, A P Loring—Lake Quinsigamond, July 24, 1868.

3 miles—17:58, four-oars, turn, Obed Smith, J Nickerson W Smith, J Nickerson (Fisherman crew) Halifax N S—Phila, Pa, Sept 4, 1876; in 18 04½,* W B Curtis, H H Smith, J Kilorin, C Corning (Northwestern B. C.) of Riverdale, Ill.—Saratoga, N Y, Aug 9, 1876.

3 miles—19:30½, four-oars, working-boats, turn, C Hooper R J Kelly, S Gookin, N Henry (Lakeman B C.)—Silver Lake Mass, Aug 15, 1878.

[We are in receipt of a communication from F. Straton claiming that 152lb lapstreak boat manned by himself and G H Hilderbrand, A W Straton and J M Straton, was rowed 3 miles, turn, in 18m 5 1-5s, at Fredericton, N B Sept 12, 1877, but we are without the corroborative evidence and fuller particulars necessary for the purposes of record.]

3 miles—20 03½, double-scutt, turn, G Faulkner, P Reagan—Boston, Mass., July 10, 1877; in 21 41½* E Losee, A S Swan Atlanta B C)—Phila., Pa., June 13, 1872.

3 miles—20 14½, single scull, turn, C E Courtney—Oswego, N Y Oct 17, 1877.

3 miles—20 28, pair oars, turn, G. Faulkner, P Reagan—Philadelphia, Pa., Sept 6, 1876.

4 miles 24 40, four-oars, turn, Joshua, Ellis, Gil and Hank Ward—Saratoga, N. Y., Sept 11th, 1871.

4 miles—20 44½* eight-oars, straight, Harvard University Crew (see College races)—New Haven, Ct., June 28, 1878.

4 miles—27 15, four oars, working-boats, C. Hooper, R. J. Kelley, S. Gookin, N. Henry, (Lakeman B. C.)—Boston, Mass., July 4, 1878.

4 miles—29 12 single scull, turn, Edward Hanlan and James H. Riley, Barrie, Aug. 1879.

4½ miles—19 35* eight oars, straight, Cam-

bridge University crew—Putney to Mortlake, Thames, Eng., March 29, 1873.

4½ miles—20:43, four-oars, straight, Tyne crew—Putney to Mortlake, Thames, Eng., Nov 5, 1869.

4½ miles—22:55, single-scutt, straight, Geo Tarryer—Putney Aqueduct to Mortlake, Eng, Aug 13, 1868.

4½ miles—23:15, single-scutt, straight, James Renforth—best championship time—Putney to Mortlake, Thames, Eng, Nov 17, 1868.

5 miles—30:44, pair-oars, turn, John, James and Bernard Biglin and Denny Leary—Harlem River, N Y, Sept 10, 1860.

5 miles—32:01, pair-oar, turn, John and Barney Biglin—Philadelphia, May 20, 1872.

5 miles—33:56½, single scull, turn, Edward Hanlan, Chatanqua Lake, Oct 16, 1879.

6 miles—39:20 3 5, four-oars, turn, Paris crew—E. Ross, S. Hutton, G Price, R Fulton—St John, N B, Aug 23, 1871. 30:55,* four-oars, turn, B. Brand, D. Herroll, L. Stoker, L. Edell (St. Louis B. C.)—St. Louis, Mo., June 30, 1878.

10 miles—1.23:00, single-scutt, turn, Joshua Ward—Poughkeepsie, N Y, Nov 5, 1860.

12 miles—1.34:30, eight-oars, lapstreak, coxswain, three-turns, E. Welch, J. Morris, D. Morris, J. Mulhearn, P. Cashley, J. Coyle, J. Lilly, J. Lambert ('Superior' crew of St. John, N. B.)—Boston, Mass, Sept. 13, 1855.

50 miles—8 55 20, C A Barnard (amateur) in a match with W B Curtis—Calumet River near Chicago, Ill, May 12, 1877.

60 miles (nearly)—8.05 00,* four-oars, gig, C Newham, G Phillips, R Boyton and H Blinckoe—Lambeth to Gravesend and back, Eng, Aug 17, 1845.

91 miles—11.29 03, single scull, John Williams, who never left his seat during the time, Waterloo Bridge, London, to Gravesend, thence to Richmond, Eng, and back to place of starting, Aug 13, 1832.

166 2-5 miles—39.22 00, four-oars, Egyptertes Club, match with Nemzeti Club, Budapesth to Comoru and back—Danube River. Hungary, Sept 15, 16, 17, 1875.

OCEAN STEAMSHIPS.

New York to Queenstown, Ireland—7d 12h 41m, mean time, Britannio, White Star line, W H Thompson commander; sailed 8 50 a. m. Dec 11, arrived 1 53 a. m. Dec 24, 1876. Time computed from Sandy Hook to Roche's Point, deducting 4h 22m for difference in time. Time to Liverpool (including all detention) 8d 5h 15m Fastest eastward passage.

New York to Queenstown, Ireland—7d

15h 28m, mean time, City of Berlin, Inman line; sailed 9 a m Oct 2, arrived 5 10 a m Oct 10, 1875. Computed from Sandy Hook to Roche's Point, deducting 4h 22m for difference in time; distance sailed, 2,829 miles. Fastest eastward passage by this line.

New York to Queenstown—8d 1h 38m, mean time, Montana, Williams & Guion line; sailed 1 35 p m Jan 23, arrived 7 35 p m Jan 31, 1877. Computed from Sandy Hook to Roche's Point, deducting 4h 22m for difference in time; distance, 2 810 miles. Fastest by this line.

New York to Queenstown—8d 6m 30s, mean time, Russia, Cunard line; sailed 3 30 p m July 4, arrived 8 p m July 15, 1869. Computed from the Battery to anchorage in Queenstown harbour, deducting 4h 23m 30s for difference in time. Fastest by this line.

New York to Liverpool*—8d 17h 49m, mean time, Russia, Cunard line; sailed 3 30 p m July 7, arriving 2 19 p m July 16, 1869. Computed from the Battery to bar at Liverpool, deducting 5h for difference in time.

Queenstown to New York—7d 10h 53m mean time, Britannic, White Star line; sailed 4 35 p m Aug 10, arrived 11 06 p m Aug 17, 1877. Computed from Roche's Point to Sandy Hook, adding 4h 22m for difference in time. Fastest recorded passage across the Atlantic.

Queenstown to New York—7d 14h 12m, mean time, City of Berlin, Inman line; sailed 7 p m Oct 5, arrived 4 50 a m Oct 13, 1877. Computed from Roche's Point to Sandy Hook, adding 4h 22m for difference. Fastest passage by this line.

Queenstown to New York—8d 4h 42m, Montana, Williams & Guion line; sailed 2 20 p m Aug 23, arrived 2 40 p m Aug 31, 1877. Computed from Roche's Point to Sandy Hook, adding 4h 22m for difference in time; distance, 2,800 miles. Fastest westward passage by this line.

Queenstown to New York—8d 6h 57m 30s mean time, Russia, Cunard line; sailed 4 p m June 20, arrived 6 34 p m June 28, 1869. Computed from anchorage in Queenstown harbour to Battery, adding 4h 33m 30s for difference in time.

Liverpool to New York*—9d 8h 12m, mean time, Russia, Cunard line; sailed 3 22 p m June 19, arrived 6 34 p m June 28, 1869. Computed from bar at Liverpool

* See Britannic's passage, N. Y. to Queenstown. Owing to the detention at Queenstown, it is not customary to compute time to and from Liverpool.

to Battery, adding 5h for difference in time.

Philadelphia to Queenstown—8d 18h 13m mean time, Illinois, American line; sailed 4 20 p m Nov 30, arrived 3 p m Dec 9, 1876. Computed from Cape Henlopen to Queenstown, deducting 4h 27m for difference in time.

Queenstown to Philadelphia—8d 21h 22m, Illinois, American line; sailed 12 32 p m Sept 28, arrived 5 27 a m Oct 7, 1876. Computed from Queenstown to Cape Henlopen, adding 4h 27m for difference in time.

New York to Havana—3d 19h 6m mean time, City of Washington, N Y, H M line; sailed 6 17 p m Feb 13, arrived 12 50 p m Feb 17 1878. Computed from Sandy Hook to Morro Castle, adding 33m for difference in longitude; distance run, 1,237 miles.

New York to Havana—4d 2h 54m, Saratoga, New York and Cuba Mail S S line; sailed Nov 9, arrived Nov 13, 1877. Computed from Sandy Hook to Morro Castle, adding 34m for distance in time; distance, 1,265 miles. Fastest southward passage by this line.

Havana to New York—3d 10h 7m, mean time, City of New York, N Y, H and M line; sailed 5 35 p m May 8, arrived 4 15 a m May 12, 1875. Computed from Morro Castle to Sandy Hook, deducting 33m for difference in time.

Havana to New York—3d 10h 26m, Niagara, N Y and C M S S line; sailed Sept 8, arrived Sept 11, 1877. Computed from Morro Castle to Sandy Hook, deducting 34m for difference in time; distance, 1,183 miles. Fastest by this line.

New York to New Orleans; sailed Nov 29, arrives Dec 5, 1873. Computed from Sandy Hook to bar at mouth of Mississippi River. In 6d 8h 15m from pier to pier.

New York to Aspinwall—6d 14h, Pacific Mail Co's steamer Henry Chauncey.

Aspinwall to New York—6d 6h 30m, Henry Chauncey; sailed 5 55 a m Nov 13, arrived 11 25 p m, Nov 19, 1865. Computed from pier to pier.

Yokohama, Japan, to San Francisco, Cal—14d 15h 20m, mean time, Oceanic, Occidental and Oriental line; sailed 7 a m Dec 12, arrived 5 a m Dec 27, 1876. Apparent time, 14d 22h. Time from Hong Kong, China, to San Francisco, including 2d 1h detention at Yokohama, 22d 5h 20m. Distance sailed from Hong Kong to Yokohama, 15,996 miles; from Yokohama to San Francisco, 4,633.45 miles.

San Francisco, Cal, to Yokohama, Japan—15d 9h, City of Peking, Pacific Mail S S Co.

PEDESTRIANISM.

The records of pedestrianism have got beyond control, and time will not now permit of a revival and construction of records. The introduction of go-as-you-pleasim has mixed up records now so that they are in confusion and will be to the end of the year.

RUNNING.

Amateur performances are designed by a *

100 yards—9½ sec, George Seward, turnpike, road, Hammersmith, Eng, Sept 30, 1844: 10s, W C Wilmer, Milburn, N J, July 6, and Mott Haven, N Y, Oct 12, 1878; and R La Montague (penalized a yard), Staten Island, N Y H, Sept, 28, 1878. H H Lee was returned as doing the distance in the same time at Philadelphia, May 25, 1879, on a grass course, up hill, but as he has never been able to do so well on much faster tracks, grave doubts are entertained regarding the correctness of the timing.

120 yards—11½s, Geo Seward, London, Eng, May 3, 1847.

125 yards—12½s, J W Cozad, Long Island, Nov 23, 1868; 12 35-s, * Geo McNichol, Mott Haven, N Y, July 4, 1878.

130 yards—12½s, W Johnson, Fenham Park, Eng, Feb 9, 1867.

130½ yards—12½c, G Wallace, Sheffield, Eng, May 26, 1874.

139½ yards—13½s, J C Clowry, Sheffield, Eng, Nov 30, 1870.

140 yards—14s, W G Scarlet, turnpike, Newcastle, Eng, Sept 7, 1841.

150 yards—15s, O Westhall, Manchester, Eng, Feb 4, 1851; and Geo Forbes, Providence, R I, Dec 20, 1869; 15 2-5s, * W C Wilmer, Milburn, N J, Oct 6, 1878.

180 yards—18 1-5s, * L Junker, London, Eng, April 27, 1878.

200 yards—19½s, G Seward, London, Eng, March 22, 1847; in 20 2-5s, * J Shearman, London, Eng, June 2, 1877.

220 yards—22 7-8 s, * W C Wilmer, Mott Haven, N Y, Oct 12, 1878; 22 2-5s, * W P Phillips, London Eng, Sept 28, 1878.

250 yards—27½s, R W Vidal, Oxford, Eng, Dec 8, 1865.

300 yards—31½s, J Nuthall, Manchester, Eng, April 27 1863, and D Wright, Glasgow, Scotland, Aug 5, 1876.

350 yards—40s, Geo Walsh, Manchester, Eng, April 13, '72.

400 yards—45s, T Brian, Doncaster, Eng, Feb 28, 1841.

440 yards—48½s, R Buttery, Newcastle, Eng, Oct 4, '73; 50 2-5s, * F J Colbeck, London, Eng, June 20, '68; J Shearman, London, June 7, '77, and W H Churchill; Cam-

bridge, Eng, Nov 19, '78; 52 1-5s, * W C Wilmer, Mott Haven, N Y, July 4, 1878.

500 yards—1:00½, G Walsh, Manchester, Eng, May 23, 1874.

600 yards—1:13, James Nuthall, Manchester, Eng, Feb 20, 1864; 1:14 3-5, * F T Elborough, London Eng, April 28 1877; 1:16 4-5sec, * E O La Montague, Mott Haven, N Y, July 4, 1878.

700 yards—1:29, J Pudney, turnpike, Sleng, Eng, April 7, 1856.

800 yards—1:50, W Jackson, Epsom race-course, Eng, Nov 2 1826; 2:01 1-5, * turf, A C Courtney, Dublin, Ireland, June 9, 1875.

880 yards—1:53½, Frank Hewitt, Lyttleton, Australia, September, 1871; 2:57½ * F T Elborough, London Eng, Oct 7, 1876; 2:00 3-5, J E Manning, Boston Mass, Oct 13, 1877—best in America; 2:02 4-5sec, * E Merritt, New York, May 20, 1877.

1,000 yards—2:19½, J Nuthall, Manchester Jan 13, 1872; 2:19 4 5sec, * W W Bolton, Cambridge, Eng, Nov 26, 1878.

1,320 yards—3:07, W Richards, Manchester, June 30, 1866; 3:14½sec, W Slade, London Eng, March 26, 1878.

1 mile—4 17½ W Richard, and W Lang, dead heat, Manchester, Aug 19, 1865; 4 24½ * W Slade, London, June 19, 1875; 4 28 4-5, * grass, W Slade, Dublin, Ireland, June 8, 1875.

1½ miles—5 30, Wm Lang, Manchester, Eng, July 18, 1863; 557, * J Gibb, London, April 30, 1877.

1½ miles—6 50 J Fleer, Manchester, Eng, Feb 23, 1867; 7 14, * J Gibb, London, April 30, 1877.

1½ miles—8 34s, * J Gibb, London, Eng, April 30, 1867.

2 miles—9 11½, W Lang, Manchester, Aug 1, 1863; 9 42, * W Slade, Belfast, Ireland, June 10, 1876; 9 46½, * grass, T Duckett, St Helen's C C Sports, Eng, July 17, 1875.

3 miles—14 26, J White, London, May 11, 1863; 14 46, * J Gibb, Cambridge, Eng, March 3, 1877; 16 21½, * E C Stinson, Glen Mitchell, N Y, 15, 1877.

4 miles—19 36, J White, as above; 20 22, * W Slade, London, April 26, 1875; 20 48½, * grass course, T Duckett, Stoke-on-Trent, Eng, Aug 4, 1875.

5 miles—25 40, J White, as above; 26 24 1-5, J Gibb, London, Eng, Nov 3, 1876.

6 miles—29 50, J White, as above; 32 07, * J Gibb, London, Eng, Nov 17, 1877.

7 miles—34 45, J White, as above; 37 46, * J Gibb, as above.

8 miles—40 20s, J Hewitt, London, June 1, 1852; 43 30, * J Gibb, as above.

9 miles—45 21, J Hewitt, as above; 49 15, * J Gibb, as above.

10 miles—51 26, L Bennett (Deerfoot) London, Eng, April 3, 1863; 54 49, * J Gibb, as above.

11 miles—56 52, L Bennett, as above.

12 miles—1.02 02½, L Bennett, as above; 1.08 22, * S F Weall, Harrow and Primer Road, Eng, Nov 27, 1873.

13 miles—1.10 31, J Hewitt, London, Eng, March 29, 1852.

14 miles—1.16 12, J Howitt, as above; 4. 21 18, * S F Weall, as above.

15 miles—1.22 00, J Howitt, as above.

16 miles—1.28 06, J Howitt, as above; 1. 36 00, * S F Weall, as above.

17 miles—1 38 58, G Hazael, London, Eng' Dec 10, 1877.

18 miles—1 45 01, G Hazael, as above; 1 59 00, S F Weall, as above.

19 miles—1 51 14 } G Hazael, as above.

20 miles—1 57 27 }

27 miles—3 00 00, G Martin, Maidstone, Eng, Sept 22, 1863.

20 miles—3 20 00, J Rhodes, Birmingham, Eng, Feb 7, 1863.

35 miles—4 08 00 } R Manka, Birmingham, 40 miles—4 51 00 } Eng, Feb 7, 1863.

50 miles—6 17 00, G Martin, Maidstone, Eng, Sept 22, 1863.

BICYCLE-RACING.

AMATEUR PERFORMANCES DESIGNATED BY A *

1 mile—2 54½, F T East, * Leicester, Eng land, October 5, 1878.

2 miles—5 48 } John Keen, Wolver-
3 miles—8 55 } hampton, England,
4 miles—12 01 } May 23, 1877.

5 miles—15 13 2-5, I. Keith-Falconer, * Cambridge, England, October 23, 1878.

6 miles—19 24

7 miles—22 40

8 miles—25 57

9 miles—29 16

10 miles—32 27

11 miles—36 20

12 miles—39 35

13 miles—42 50

14 miles—46 02½

15 miles—49 17

16 miles—52 33

17 miles—55 48

18 miles—59 05

19 miles—1 02 09

20 miles—1 05 34

21 miles—1 08 50

22 miles—1 12 06

23 miles—1 15 46

24 miles—1 20 29

25 miles—1 23 43

30 miles—1 46 12

Ion Keith-Falconer, *
U B C, Oxford, Eng-
land, June 11, 1877.

John Keen, Lilli
Bridge, London, De-
cember 8, 1876. He
rode 18 miles 587
yards in one hour.

J Keen, London, Sept
30, 1878.
John Keen, London,
November 20, 1876.

35 miles—2 09 00 } H L Cortis, * London,
40 miles—2 29 10 } Eng., Oct. 26, 1878.
45 miles—2 47 24 } John Keen, London,
50 miles—3 06 45 } October 9, 1876.

51 miles—3 14 08

55 miles—3 29 34

60 miles—3 58 10

65 miles—4 17 51

70 miles—4 37 24

75 miles—4 58 27

77 miles—5 07 09

78 miles—5 17 22

80 miles—5 25 23

85 miles—5 46 20

90 miles—6 11 50

95 miles—6 30 11

99 miles—6 44 15½

100 miles—7 18 55, F E Appleyard, * Bath

to London, June 10, 1878.

150 miles—11 05 00, F White, who did not

make a stop, London, May 14, 1878.

18 miles 587 yards in an hour—J. Keen

London, Dec. 8, 1876.

1,060½ miles—6 days, riding time limited

to 18 hours per day, W Cann who rode 226½

miles in 18 hours, 422½ in 36h 5-16 miles

in 54 hours, 796½ miles in 72h, 946½ miles

in 90 hours and 1,060 miles in 108 hours,

Agricultural Hall, London, Nov 18, 23, 1878.

AMATEUR RECORDS—Besides those already

mentioned, I Keith-Falconer has a record of

6.01 for two miles, 9.09 for three miles, and

12.20 for four miles at Cambridge, Oct 23,

1878. The times of A A Weir for every mile

rom 11 (36-33) to 25 (1.24-36) are the best

accomplished at Cambridge, Eng., May 18,

1878. In a competition at Lillie Bridge,

London, Oct 26, 1878, A G Derkinden made

the fastest times from 26 miles (1.34-11) to

32 miles (1.56-18) and 49 (3.06-10) and 50

miles (3.09-56) H Osborne 33 miles (2.01-17)

H L Cortis 34 miles (2.05-08) to 42 miles

(2.37-36) and from 45 miles (2.50-14) to 48

miles (3.02-18) McWilliam making a dead

heat with Cortis at 41 miles (2.33-21)

and leading at 43 (2.41-49) and 44

miles (2.46-04). W T Britten, Clarence B C

rode from London to Bath and return, 212

miles in 23h 55m, Sept 12, 1878. A A Weir

rode 17 miles 140

one hour Lon-

don, May 11, 1878.

FIRE ENGINES, HOSE COMPANIES, ETC.

PLAYING.

332½ 2in solid stream steam apparatus, 100
ft of hose 1 3.16 inch nozzle, Mississippi No
2—New Orleans La, June 25, 1876. On Dec
27, 1874, the same machine, with 1½ inch
nozzle, threw 321ft 4in.

311ft 9½in solid stream steam apparatus

50ft of hose, 1½ inch nozzle, Creole No 9 second-class Amoskeag machine—New Orleans, Aug 24, 1873.

273ft hand apparatus built by Abel Shawk—Cincinnati O., July 9th, 1857.

RUNNING.

220 yards—33½sec Centennial Hook and Ladder Co 30ft ladder put up, with climber on top—Plymouth O. July 4, 1876.

220 yards—35½sec Hose Co's Wide Awake and No 3 carrying 150ft of hose laying 50ft and getting water through nozzle—South Bend, Ind, Sept 3, 1875.

231 yards—35½sec Smuggler Hose Co of Crestline carrying 300ft of hose laying. 200ft making attachment to engine, and attaching nozzle—Bucyrus, O, June 21, 1877.

400 yards—59½sec Bates Hose Co of Denver Col, 18 men 500 lb-cart (without hose), carrying 350 ft of hose and laying 300ft connecting with hydrant and having pipe in readiness (we understand catch couplings were used)—Chicago, Ill, Sept 5, 1878. In 61½sec Barnes Hose Co No 7 of Burlington Vt, same conditions as above except that tight couplings (three full turns, water and air-tight connections) were made, they winning first prize at Fireman's National Tournament—Chicago, Ill., Sept. 4, 1878. If catch couplings were used by the Bates Co., the Barnes performance is the better of the two.

433 yards—1:10 Bloss Hose Co. of Titusville, Pa., running 1,000ft to hydrant, then laying 300ft of hose, and got water through hose, 18 men, including hydrant and pipemen—Oil City, Pa., July 4, 1878.

440 yards—In 1:07, 100 ft of hose laid and water thrown, Hope Hook and Ladder Co., 10 men, 1 horse—New Orleans, La., Aug. 21, 1871; 1:22½, Courier Hose Co., up grade 350ft of hose laid, connection made with a steamer and pipe placed in readiness—Titusville, Pa., July 4, 1872.

500 yards—1:12½, Maple City Hose Co. 1, light duty cart, 15 men and pipeman, laying 300ft rubber-lined linen hose, coupling to hydrant and putting on pipe—Hornellsville, N Y, July 16, 1877. In 1:22½, Maple City Hose Co No. 1, carriage weighing 1,325lb, 15 men and pipeman, laying 300ft rubber hose, attaching to Hydrant and putting on pipe—Hornellsville, N Y, July 4, 1877. The runners were regular fire-duty members of the company, hose the style commonly used at fires, with screw couplings, both cart and carriage had been and are in active service at all fires, and the races took place on Jones' level half-mile track.

540 yards—1:22½, Garryowen Hose Co of Burlington Vt, 30 men, including pipeman and hydrant man, light duty cart (about

360 lb), laying 300ft regulation hose, screw couplings, hose and pipe capable of standing a cold-water pressure of 100lb to the square inch; standing start, part up grade—Port Henry, N Y, Oct., 19, 1876.

880 yards—1:39½, water thrown in 2:04½, Hope Hook and Ladder Co, ten men, one horse, New Orleans, Aug 15, 1869. In 2:34½, water thrown in 2:41½, Mechanics No. 6, thirty men, 50ft of hose, New Orleans, Aug. 15, 1867. In 2:57, Confidence Engine Co No. 2, running race, twelve men drawing four-wheeled waggon, weighing, with trainer, etc., 1,000lb—Southern District Agricultural Society's Grounds, Los Angeles, Cal., Oct 17, 1878.

1 mile—9:10, Active Hose Co No. 2, 10 men, unreeling 300ft of hose—Rochester, N Y, Sept, 1871.

JUMPING.

MAN.

Amateur performances are designated by a*

Running broad-jump—29ft 7in John Howard, using 5lb (each) dumb-bells, and taking off from a block of wood, 1ft wide, wedge-shaped, 2ft long, 3in thick, raised 4 in in front—Chester racecourse, Eng. May 8, 1854. [Note—Having been fairly accomplished prior to the framing and adoption of rules for the government of athletics, and given a place on the record according to the custom which then governed such matters, we consider that Howard is still entitled to this record, although at the present time, when there are plain rules for guidance, level ground and a fair take-off are requisite to secure a record. Without artificial aid—23ft 1½in; *J Lane, D. U. A. C., Dublin, Ireland, June 10, 1874; in America—21ft 3in, A C Reid, Caledonian games, Belleville, Ont, July 1, 1878; 20ft 11in, *R M Campbell (Trinity College) Hartford, Ct, May 25, 1878.

Standing broad-jump—13ft 10in, J. Emerick, Oil City, Pa, Sept 19, 1878. 13ft 7in, Joseph Graves, 11½lb dumb-bells, Wood Park Grounds, Bardsley, Eng, Sept 18, 1875. 12ft 2½in, *A. S. Thomson, 14lb dumb-bells, San Francisco, Cal, Nov 25, 1875.

Standing Broad Jump—without weights, 11ft 3in, E W Johnston, Thorold, Aug 17, 1879.

Running high-jump—6ft 2½in, * M J Brooks (Oxford U A C), London, Eng, April 7, 1876; 5ft 11in, E Vardy, Haydon, Eng, Aug 27, 1859. In America—5ft 10½in, E W Johnston, Caledonian games, Belleville, July 1, 1879; 5ft 6½in * J P Conover (Columbia College), N Y City, May 1, 1878. Standing high jump—5ft 3in, E W John

A BOOK OF RECORDS.

ston, Caledonian games, Baltimore, Md, May 27, 1878; 4ft 10in * F. Hargreaves and E. Moore, Manchester, Eng, Aug 5, 1871.

Pole-jump—lift 1in, * J E Woodburn, Ulverstone, Eng, July 21, 1876; 10ft 9in, D Anderson, Bridge of Allan, Scotland, Aug 6, 1870.

Running hop, step and jump—47ft 7in, R. Knox, Leith, Scotland, August, 1870; 46ft 9in, A. Dobson, Caledonian games, Toronto, Canada, Sept 8, 1879; 45ft 4in, * J C Daly, Cork, Ireland, April 22, 1873; 43ft 2in, * P Johnson, Boston, Mass, June 29, 1878.

Standing hop, step and jump—40ft 2in, D Anderson, Fort Eyemouth, Eng, July 24, 1865. In America, 35ft 11in, E W Johnston, New York, July 29, 1879.

Hurdle race, 120 yards, 10 flights, 3ft 6in high—26 sec, * C N Jackson, Oxford, Eng, Nov 14, 1865; 17½ sec, * H E Ficken, New York, Oct, 1878; 220yds, hurdle, 34½ in., J. Lafon, Hackensack, N J, Oct 19, 1878; quarter-mile, hurdle, 1m 4s, W L Allen, Montreal, Canada, Oct. 10, 1878.

High Kick—9ft 6in E W Johnston, Troy, Aug, 1878.

HORSE.

37ft—over water, Chandler, ridden by Capt. Broadley, Warwick, Eng, 1847.

34ft—over hurdles, Colverthorpe, England.

33ft—over wall, Lottery, Liverpool, Eng.

RIFLE SHOOTING.

3,334 out of a possible 3,600 points—American team, in international contest with British team for Centennial Trophy, eight men each, 800, 900, 1,000 yards, 30 shots at each distance, a bull's eye counting 5 points—Creedmoor, L I, Sept 13 14, 1877. Average of second day's shooting 512½.

1,679 out of a possible 1,800—American team in second stage of above contest, 15 shots at each range—Creedmoor, Sept. 14, 1877.

1,186 out of a possible 1,350—Brooklyn beat New York team, six men each, 800, 900, 1,000 yards, 15 shots at each range, bull's-eyes counting 5—Creedmoor, May 12, 1877.

968 out of a possible 1,080—American team, second international match with Irish team, six men each, 800, 900, 1,000 yards, 15 shots at each range, a bull's-eye counting 4 Dollymount, Ireland, June 29, 1875.

845 out of a possible 900—Massachusetts R A team, 4 men, Inter-State competition, 800, 900, 1,000 yards, 15 shots at each range—Creedmoor, Sept 20, 1878.

433 out of a possible 450—W H Jackson, 800, 900, 1,000 yards, 30 shots at each

range, in American team walk-over competition for Centennial Trophy—Creedmoor, Sept 25, 26, 1878.

221 out of a possible 225—J S Sumner, 800, 900, 1,000 yards, 15 shots at each range, in first stage of Centennial Trophy walk-over—Creedmoor, Sept 25, 1878.

198 out of a possible 225—W. H. Jackson, 900, 1,000, 1,100 yards, 15 shots at each range—New Jersey R A meeting, Brinton, N J, Oct 8 to 12, 1878.

191 out of a possible 225—Frank Hyde, 1,000, 1,100, 1,200 yards, 15 shots at each distance—Brinton, N J, Oct 12.

171 out of a possible 180—Major Henry Fulton, first international match with Irish team, 800, 900, 1,000 yards, 15 shots at each range, a bull's-eye counting 4—Creedmoor, L I, Sept 26, 1874.

21 consecutive bull's-eyes, 14 at 900 yards and 7 at 1,000 yards—Dudley Selph, New Orleans, La., July 10, 1877.

15 consecutive bull's-eyes—a clean score—at 1,000 yards, by J K Milner, Irish team, Creedmoor, L I, Sept—1876. At 900 yards, J M Partello, Washington, D C, Oct 22, 1878. At 800 yards, Edmund Johnson, Creedmoor, Sept., 1876; J S Sumner, Creedmoor, Sept 25, 1878; W H Jackson and H F Clark, Creedmoor, Sept 26, 187; J F Brown, Walnut Hill, near Boston, Mass. Aug 28, 1878.

NOTABLE PERFORMANCES, NOT RECORDS.

WEIGHT-LIFTING.—The athletes herein after named are credited with having lifted the following weights; but as such of these reported feats as were performed in public are not properly attested, they do not constitute a record, and, as in the case of other alleged performances which appear below, we merely insert them for the information of and comparison by our readers: With harness—W B Curtis, New York, 3,300lb; Ambrose A Butts, Auburn, O, 2,737½lb; John J Lucas, Belleville, Ill. 2,700lb, Oct 26, 1875; Dr G W Winship, Boston, Mass, 2,600lb. Hand-lift—W B Curtis, 1,230lb; G W Winship, 1,200lb; Edward Brennan put up a 14lb bumb-bell over 12,400 times, match, \$1,000, Eureka, Nev, January 29, 30, 1876.

LATH-MAKING—W F and N Leclerc made 54 laths, pinewood, 4ft long, 2½-eighths of an inch thick and 1½in wide, in one minute; plain lath bench, lath pushed through by hand. They also made 2,100 in an hour, including time to oil machinery and put wood on bench—Aston Vale, Me, October 1875.

LOCOMOTIVE FRAME, weighing 1,350lb,

completed in 10h. 40m, three heaters, two helpers, under direction of Jas Rodgers, Niagara Steam Forge, Buffalo, N Y, Jan 21, 1871.

GLAZING—Chas Stukas glazed 334 twelve-light windows, or 4,008 lights, each 8x10in, in 10 hours. His fastest time was six lights in 33sec, and the last three half windows he glazed in 45sec. each. His average time was six and a half lights per minute. O. Prunk set and pointed the glass, besides taking it out and carrying it from the boxes, using four and six points to each light, and kept Mr. Stukas supplied as fast as the latter could work—Clinton Iowa, July, 1877.

BRICKLAYING—W D Cozzens laid 702 bricks in 12min, Philadelphia, Pa. Nov. 4, 1870.

HORSESHOE NAILS—221 made in one hour, J B Morris. Hickory, Pa, Feb. 1871.

FOOTBALL—Mr Macdonald, Melbourne Club, kicked the ball through the goal-posts at a distance of 65 yards—Melbourne, Aus, August 1877.

HIGHEST CRICKET SCORES IN AMERICA DURING 1878.

The following is the record of the highest cricket scores in single innings during the season of 1878. No runs under 50 are recorded.

C Bannerman—Australia vs Montreal, Oct 11—125.

L Bailey—Merion vs Baltimore, May 29, —115.

R S Newhall—Philadelphia vs Australian, Oct. 3—84.

D Newhall—Young America vs Manhattan, July—83.

C Bannerman—Australia vs San Francisco, Oct 25.—78.

A Marsh—St George vs Longwood, June, 2—not out—75.

D Newhall—Young America vs Chestnut Hill, June 29—73.

F L Bailey—Dorian vs Merion, June, 27—69.

C R Brown—Occident vs Opal, July 4—66.

E T Comfort—Old Haverford vs University, Sept 18—65.

T W Kimber—Old Haverford vs University, Sept 8—63.

F Brewster—Germantown vs Belmont, May 30—60.

—Philip—Longwood vs Lawrence, July 27—54.

F Brewster—Detroit vs Germantown, Aug 1—57.

—Hindeman—Detroit vs Germantown, Aug, 1—57,

—Woolman—Belmont vs St Timothy, May 23—57.

D Newhall—Young America vs Merion, June 15—55.

John Hargreave—Philadelphia vs Germantown, July 6—54.

—Yarnall—Belmont vs St George of West Philadelphia, June 25—54.

C Newhall—Young America vs St George July 3 n o—53.

J Purdy—Picked Eleven of San Francisco vs Opal, June 19—52.

J Rogau—Manhattan vs Belmont, Sept 28—58.

S Law—Merion vs Baltimore, May 20—51.

C Newhall—Young America vs Manhattan, July, 5—50.

It will be seen that the Philadelphia carry off the honours, especially the Newhalls—R Newhalls 84, D Newhall 88, 73 and 55, and C Newhall 53 and 50.

RAILROADS.

10 miles in 8min, Hudson River road, locomotive and platform car, with steam fire-engine, Peekskill to Sing Sing, N Y, Feb 17, 1874.

14 miles in 11min. locomotive Hamilton Davis and six cars, Lake Shore and M S R R, 1855.

18 miles in 15min. special train conveying the Duke of Wellington, Paddington to Slough, Eng.

81 miles in 82min. Engine 341, N Y Central, James Wood, engineer, directors' car only, Rochester to Syracuse, N Y, May 15, 1872.

90 miles in 99min.—Engine 573 and a train consisting of one combination passenger, mail and baggage car, and one Pullman hotel-car (Jarret & Palmer Transcontinental Express), Jersey City, N.J., to West Philadelphia, no stop; Engineer David Kerr—June 1, 1876.

111 miles—109min. Special train consisting of locomotive, baggage car, one coach and one Pullman palace car, Engineer McComber, carrying Bishop of Detroit and a number of the clergy. The time includes 4min. stoppage at Charing Cross—St Thomas to Amherstburg, Canada Southern Railway, Sept 13, 1877.

138 miles in 2h. 33m. inclusive of 11min. stoppage, Engine Wabasha, Engineer Philip O'Neil, two cars, Clinton to Chicago, on the Chicago and Northwestern road, Sept 3, 1874.

Jersey City to San Francisco, Cal, 83.39:16—Jarret & Palmer's Transcontinental train, as above. Left at 1.03 a. m, June

1, arrived 9 22 a m, June 4, 1876. No stop was made between Jersey City and Pittsburg, Pa.

San Francisco to Jersey City, N J.—9d 17h. 35m, freight train, thirteen cars, laden with tea: left 6 p m April 26, via the Central Pacific, Union Pacific, Chicago and Northwestern, Michigan Central and Great Western, and New York Central and Hudson River Railroad Companies; arrived 11.35 a m May 6, 1877.

Longest train drawn by a single engine—183 empty freight cars, one loaded eight-wheeler, two cabooses and a dead engine, up grade; train 6,200 feet long, drawn by engine No 4, Northern Central R R—Clark's Ferry to Sunbury Pa, 31 miles, October, 1878.

MISCELLANEOUS.

CRICKET—Mr Forbes threw a ball 132 yards, slightly aided by the wind—Oxford, Eng. March, 1876. Largest individual inning, 404—E Tylcote, Clifton College match, 1868; 400 (not out), W G Grace, United South 11 vs Grimady 22, at Grimsby, Eng. July 10 11 12, 1876; highest in America 163 Joe Hargreaves, Philadelphia Pa, Aug 11, 1876.

BILLIARDS—John McDevitt ran 1,483, four-ball game match with W Goldthwait, New York, Jan, 8, 1868, also ran 1,458 in a match with Joseph Dion, Chicago, Ill, Sept 16, 1868. Wm Sexton ran 417, Match 3 ball with G F Slosson—New Orleans, Jan 6 7, 1877. Jacob Schaefer ran 429, three-ball tournament—St. Louis, Mo, March 29, 1878.

SKITTLES—Frame cleared, nine-pins, 80 times in 55 minutes, by Billy Butts, setting up pins himself, London, Eng, July 17, 1859. Joe Chipps cleared the frame 60 times in 38:24, without assistance of any kind, and throwing the cheese under his leg each time, London, Jan. 23, 1871.

TYPE SETTING—George Arensberg set 2,064 ems, solid minion, 23 ems to line—one break-line to each stick-full—in one hour, New York, Feb 19, 1870. S N Bernerman set 5,070 ems, nonpareil, ordinary newspaper measure, in three hours, Washington, D C, Dec 5, 1874.

BUTCHERING—Bullock dressed in 4m 45s, by Charles Lyden, tournament at Bridgeport, Ill, for champion belt, May 15, 1869; 4:01½, R Lafferty and Jas R Ferguson, match, Brighton, Mass, April 19, 1877.

LACROSSE—Ball thrown 123½ yards, Ross McKenzie—Toronto, Ont, Sept 14, 1878. Ball thrown from lacrosse 366ft 6¼in, by J Davey—Montreal, Canada, Aug 24, 1878.

OYSTER-OPENING—100 oysters opened in 3m 45s by John Curran of Providence, R I, defeating John Dodge of New York—Howard Athenaeum, Boston, Mass, 500 oysters opened in 26m 18s by George Schillman, defeating George Beach (who opened 490 in the same time, in a match said to be for \$500 a side—Noonan's Varieties, Philadelphia, Pa.

HORSESHOES—100 in 2h 33¼m, John P Silk, match—Cincinnati, O, Dec. 5, 2877.

TRAP-SHOOTING.

100 single birds killed in succession, (tame doves), two hours, A H Bogardus, Dexter Park, Chicago, Ill, July 21, 1869.

300 glass balls broken in succession, A H Bogardus, Lincoln, Ill, July 4, 1877.

500 glass balls broken in 25m 15s out of 535 shots at, A H Bogardus, St Paul, Minn, Sept 4, 1878.

1,000 glass balls broken in 1h 6m 50s, A H Bogardus, using three guns, one 10 gauge, weighing 10lb, using 1½ oz shot, one 12-gauge, 7½lb, 1oz, and one 20-gauge, 5½lb ½oz; two traps, 15 yards, Agricultural Hall, London, Eng, June 26, 1878. Bogardus was reported to have broken 1,000 balls out of 1,064 shot at, 18 yards, in 1h 3m, at the State tournament, Ottawa, Kansas, Oct 10, 1878, but the feat has not been authenticated.

5000 glass balls broken in 8h 35s, out of 5,156 shot at, A H Bogardus, 10lb shot-gun two sets of barrels, 10 and 12 gauge respectively; two traps 15 feet apart, 18 yards 1½ oz of No 8 shot, the shooter loading his own gun—Gilmore's Garden, N Y City, Jan 3, 1878.

5,500 glass balls broken in 7h 30m 30s out of 6,222 shot at; W F Carver, Winchester repeating-rifles, balls thrown up by hand about twelve feet from muzzle of rifle, assistants loading, cleaning and cooling rifles, Brooklyn (L I) Driving Park, July 13, 1878.

SWIMMING.

80 yards—56½s; W. Beckwith, still water, London, May 19, 1876.

100 yards—1m 8½s, E T Jones, still water, London, Eng, Oct 21, 1878.

110 yards—1m 17s; E T Jones, still water, Leeds, Eng, Oct 12, 1878.

480 yards—7m 14s. J B Johnson, still water, London, Oct 12, 1877.

500 yards—7m 27 2 5s, H Parker, open water, Tottenham, Aug 23, 1870; in 7m 39s, still water, London, Oct 12, 1877.

880 yards—16m 29s, on the back, Harry Gurr, Serpentine, London, June 1, 1865.

1,000 yards—15m [31]s, E T Jones, still water, Leeds, Eng, Sept 7, 1874.

5 miles—1h 4m 23s, C Whyte, Thames River, July 18, 1870.

35 miles (about)—21h 45m, Captain Matthew Webb, across the English Channel, from Dover, Eng to Calais, France, Aug 24, 25, 1875.

90 yards swum under water—Peter Johnson, England, Nov 2, 1869.

3m 35s under water, in a tank—J B Johnson, London, Eng.

62ft 8in, plunged by H J Green, Marylebone Baths, London, Oct 13, 1876.

SAILING VESSELS.

New York to Liverpool, Eng—13d 1h 25m, Red Jacket, Capt A Eldridge commander; sailed 7 a m. Jan 11 arrived Jan 24, 1854. Computed from Sandy Hook to bar at Liverpool.

Boston, Mass, to Liverpool—12d 6h James Baines.

Baltimore, Md, to Liverpool—13d 7h, Mary Whitebridge.

San Francisco to Boston—75 days Northern Light.

New York to Shanghai, China—95 days, Nabob.

Shanghai to New York—92d, Kathay, arrived Jan 19 1857.

New York to Melbourne, Australia—73 days Nightingale.

Liverpool to Melbourne,—620 days, James Baines; return trip in 60 days.

Liverpool to San Francisco—99 days, Young America; 90 days from Connebeg lightship to anchorage; sailed Oct 13, 72, arrived Jan 20, 1873.

New Orleans to Liverpool—25 days, Richard Ryland, arrived Feb, 1871.

YACHTING.

Daunt's Rock, Irish coast, to Sandy Hook, U S schooner Cambria, Royal Harwich Y C, Eng Com James Ashbury commanding, match with Dauntless N Y Y C, 268 tons, James G Bennett; sailed 2.20 p m July 4, arrived 4.47 p m, July 27, 1870. Distance, 2,861 m.

Stapleton, S I to Five Fathom lightship, Cape May, N J, and back to Sandy Hook lightship, 18h 30m, schooner Dauntless, Oct 2829, 1875. Distance, about 225 miles.

New York to Queenstown, Ireland—12d 9h 36m, schooner Sappho, N Y Y C, 310 tons; sailed 7 a m July 23, arrived 9 p m Aug 9, 1869.

New York to Cowes, Isle of Wight—13d 21h 55m, schooner Henrietta, N Y Y C; 205

tons, sweepstakes race with Vesta and Fleetwing, \$90,000; distance sailed, 3,106 miles—December 11 to 25, 1866.

RIVER STEAMERS.

26 miles in one hour, South America. It has been claimed for the Mary Powell that on Aug 7, 1874, 'she ran from her dock up to Piermont, 28 miles, in one hour,' but steamboat men do not credit the time, and especially question the distance.

76 miles in 3h 3m, Mary Powell, New York to Poughkeepsie, N Y.

125 miles in 5h 18m, Chrysopolis, Sacramento to San Francisco, Cal, Dec 31, 1861.

145 miles in 6h 21m, Alida, New York to Albany, N Y. New Orleans, La, to Natchez, Miss—16h 36m 47s, R E Lee; left 8.41.25 a m Oct 27, arrived 1.18.12 a m Oct 28, 1870.

New Orleans to St Louis, Mo—3d 18h 14m, R E Lee; left 4.55 p m June 30, arrived 11.09 a m July 4, 1870.

PRIZE RING.

Longest battle on record—6h 15m, James Kelly and Jonathan Smith; near Melbourne, Australia, November, 1855.

Longest battle in England—6h 3m, Mike Madden and Bill Hayes, Edenbridge, July 17, 1849.

Longest battle in America—4h 20m, J Fitzpatrick and James O'Neil, Berwick, Maine, Dec 4, 1860.

Shortest battle on record—2h, by Watson and Anderson in England, and by Tommy Kelly and W Parkinson in America.

Largest Stake ever Fought for—\$10,000, Tom Hyer and Yankee Sullivan, Rock Point, Md, Feb 7, 1849.

Largest Stake Fought for in England—£2,000, Tom King and John C Heenan, Wadhurst, Eng, Dec 10, 1863.

First Ring Fight in America—Jacob Hyer and Tom Beasley, in 1816.

Longest Glove fight on Record—3h 23m, J Fowler and T Hawkins, 51 rounds; draw; 3min rounds, 1min interval—London, Eng, Aug 15, 1878.

WEIGHT-LIFTING, ETC.

1,250lb, health-lift machine, John M Cannon, Cincinnati, O, Jan 16, 1875.

1,210lb, hand-lift, Richard Pennell, Academy of Music, New York, Nov '8, 1873.

10lb dumb-bell put up 8,431 times in 4h 34m, H Pennock, match with B Shaick, bell to be put up not less than twenty-five times per minute, and the fore-arm not to be dropped lower than the elbow—Maitres' Gymnasium, New York, Dec 13, 1870.

50lb dumb-bell put up 75 times, G M

Robinson, Olympic Club games—San Francisco, Cal, Nov 25, 1875.

100lb dumb-bell put up 10 times, G M Robinson—San Francisco, Cal, Nov 25, 1875.

201½lb dumb-bell put up by R A Pennell—John Wood's Gymnasium, New York, Jan 31, 1874.

BASEBALL.

Longest game—0 to 0, twenty-four innings, Harvard University vs Manchester—Boston, Mass., May 11, 1877.

Best game—0 to 0, fifteen innings, St. Louis vs Star of Syracuse—St Louis, Mo, May 1, 1877.

Best League game—1 to 1, eleven innings, Hartford vs Boston, at Brooklyn, April 30, 1877.

Best International Association Game—1 to 0, fifteen innings, Live Oak vs Cricket, Lynn, Mass, May 7, 1878.

Best Junior game—1 to 0, fifteen innings, Jefferson vs Hudson, Hoboken, N J. Aug 19, 1878.

Best Co-operative-nine game—2 to 1, fifteen innings, Mohawk vs Shamrock, Cincinnati, O, July 20, 1878.

Regulation ball thrown—133yds 1ft 7in. John Hatfield, Brooklyn, L I, Oct 15, 1872.

SNOW-SHOE RACING.

400 yards in 1:05, J D Armstrong, Montreal, Canada, March 4, 1871.

880 yards in 2:39½, J F Scholes, Montreal,

1 mile in 5:39½, J. F Scholes, as above.

2 miles in 11:30, Keraronwe, as above.

3 miles in 17:53, Keraronwe, as above.

4 miles in 24:04, Keraronwe, as above.

SKATING.

1 mile—1:56 Wm Clarke, Madison, Wis.

50 miles—4:57:03, E. St. C. Millard, Exposition Building, Chicago, Ill, Feb 2, 1878.

100 miles—11:46, and 24hrs with 20 min. rest, E St. Clair Millard, Cincinnati, O, March 3, 4, 1868.

RATTING.

25 rats killed in 1:28, Jimmy Shaw's Jacko, London, Eng. Aug. 20, 1861.

60 rats killed in 2:43, Jacko, as above, July 20, 1862.

100 rats killed in 5:28, Jacko, May 1, 1862.

200 rats killed in 14:37, Jacko, June 10, 1862.

1,000 rats killed in less than 100 minutes, Jacko, May 1, 1862.

THE TURF.

RUNNING.

½ mile—0:47½, Olitipa, 2 yrs, 97 lb, Saratoga, N Y, July 25, 1874

½ mile | 1:02½, Bonnie Wood, 3yrs, 102lbs, Saratoga, N Y, July 20, 1878.

¾ mile—1:15, First Chance, 100lb, Phila, Oct 18, 1876.

1 mile—1:39½, Ten Broeck, 5yrs, 110lb, against time (1:41½, by Kadi, 6 yrs, 90lb, second heat, Hartford. Ct, Sept 2, 1875, Louisville, Ky, May 24, 1877.

1½ miles—1:54, Bob Woolley, 3 yrs, 90lb, Lexington, Ky, Sept 5, 1875.

1½ miles—2:08½, Charley Gorham, 3yrs, 87lb, Lexington, Ky, May 18, 1877.

1½ miles—2:34½, Tom Bowling, 4 yrs, 104lb Lexington, May 12, 1874.

1½ miles—2:49½, Ten Broeck, 3yrs, 90lb, Lexington, Sept 9, 1875.

1½ miles—3:05½, Courier, 4yrs, 101lb, Louisville, Ky, May 23, 1877.

2 miles—3:27½, Ten Broeck, Louisville, Ky, May 29, 1877

2½ miles—3:45½, Aristides, 4yrs, 104lb, Lexington, Ky, May 10, 1876.

2½ miles—3:56½, Preakness and Springbok, 114lb, dead heat, Saratoga, July 29, 1875.

2½ miles—4:27½, Aristides, 4yrs, 104lb, Lexington, Ky, May 13, 1876

3 miles—5:26, First King, 3yrs, 101lb, Melbourne, Australia, Jan 1, 1878.

4 miles—7:15½, Ten Broeck, 4yrs, 103lb, Louisville, Ky, Sept 27, 1876.

50 miles—2:01:36, Jose Perez, match, \$1,000 using ten horses, changing animals at the end of every mile, Los Angeles, Cal, Oct 8, 1876.

60 miles—2:33:33, George Osbaldiston, 11 horses, Newmarket, Eng, Nov 5, 1831.

100 miles—4:19:40, George Osbaldiston, 16 horses, as above.

155 miles—7:45:07, John Murphy, match against time, 20 horses, N Y City, July 3, 1876.

200 miles—8h, Nell H Mowry, 30 horses, Bay view Park, San Francisco, Aug 2, 1868; in 8:42, George Osbaldiston, 29 horses, as above.

300 miles—14:09:00, Nell H Mowry, 30 horses, as above.

TROTTING.

1 mile—2:12½, St. Julian, Oakland Park, Cal., Oct. 25.

1 mile—2:13½, Rarus, Buffalo, N Y Aug 3. It was urged against this at the time that, as it was made in one more heat than the horse was entitled to under the terms of the race for which he was entered, it should not be a record. It was manifestly an irregular per-

formance, but it is by no means clear that for that reason alone it should not constitute a record. The question of irregularity and the consequences of that irregularity are matters that can be adjudicated upon only by the National Trotting Association. Action on the part of that body has never, it seems, been invoked. Therefore the 2:13½ is a record, and such it must remain until the Association sets it aside.

1 mile—2:14½. Rarus, in harness, fastest first heat. Cleveland, O, July 17, 1878.

1 mile—2:15, 2:13½, 2:13½. Rarus in harness, fastest second and third, heat two and three consecutive heats, and best three-heat race, Hartford, Ct, Aug 23, 1878.

1 mile—2:15½, 2:17, 2:16½. Smuggler, in harness, fastest time and best two and three consecutive heats by a stallion, Hartford, Ct, Aug 31, 1878.

1 mile—2:15½, 2:17, 2:16½, 2:17½, 2:18, 2:19½. fastest five and six consecutive heats, and best six-heat race; Smuggler won the first and second, the third was dead between him and Goldsmith Maid, and the latter won the three following, Hartford, Ct, Aug 31, 1878.

1 mile—2:15½. Great Eastern, under saddle, third heat, Fleetwood Park, Morrisania, N Y, Sept 22, 1877.

1 mile—2:16½. 2:17, 2:17, Hopeful, fastest time and best two and three consecutive heats to waggon, Chicago, Ill, Oct 12, 1878.

1 mile—2:15½, 2:16½, 2:15½, 2:17, best four-heat race; Goldsmith Maid won first heat. Lulu the others; Rochester, N Y, Aug 14, '875.

1 mile—2:15½, 2:17½, 2:16½, 2:10½, 2:17½. best five, heat race; Goldsmith Maid won first and second heats, Smuggler the others, Cleveland, O, July 26, 1876.

1 mile—2:17½, 2:18, 2:17, 2:20. Smuggler, in harness (second heat dead with Judge Fullerton), fastest four consecutive heats by a stallion, Philadelphia, Pa, July 15, 1876.

2 miles—4:50½. Flora Temple, in harness, Aug 16, 1859.

2 miles—4:56½. Gen Butler, first heat. June 18, 1863, and Dexter, second heat, Oct 27, 1865 both to waggon.

3 miles—7:21½. Huntress, in harness, Brooklyn, L I, Sept 21, 1872.

3 miles—7:32½. Dutchman, under saddle, Beacon Course, Hoboken, N J, Aug 1, 1839.

3 miles—7:53. Longfellow, to waggon, Sacramento, Cal, Sept 21, 1863.

4 miles—10:34½. Longfellow, to waggon, California, Dec 31, 1863.

4 miles—10:51. Dutchman, under saddle, May, 1836.

4 miles—11:06. Trustee, in harness, Union Course, L I, June 13, 1849.

5 miles—13:00. Lady Mac, in harness, San Francisco, Cal, April 2, 1874.

5 miles—13:43½. Little Mac, to waggon, Oct 29, 1863.

10 miles—27:23½. Controllor, in harness, San Francisco, Cal, Nov 23, 1878.

10 miles—28:02½. John Stewart, to waggon, Boston, Mass, June 30, 1868.

20 mile—58:25. Captain McGowan, in harness, half mile track, Boston, Oct 31, '65.

20 miles—58:57. Controllor, to waggon, San Francisco, Cal, April 20, 1878.

50 miles—2:7:00. J. Castro, saddle, using ten horses, and changing every mile, San Francisco, Cal, April 12, 1878.

50 miles—3:55:40½. Ariel, in harness, driver weighing 60lb, Albany, N Y, 1846.

5 miles—4:59:04. Spangle, waggon and driver weighing 400lb, Union Course, L I, Oct 15, 1855.

100 miles—8:55:53. Conqueror, in harness, Union Course, L I, Nov 12, 1853.

PACING.

1 mile—2:14½. Billy Boyce under saddle, Buffalo N Y, Aug 1, 1868.

1 mile—2:15. Sleepy George in harness Rochester N Y Aug 7 '78.

1 mile—2:15, 2:16½. best two consecutive heats in harness, Sleepy George took first and Sweetzer the second Rochester, N Y Aug 7 '78.

1 mile—2:16, 2:16, 2:16½. Sweetzer fastest three consecutive heats in harness, Cleveland Ohio Oct 2 '77.

1 mile—2:17½. Pocahontas, waggon and driver weighing 265 lb. Union Course L I June 21, 1855.

1 mile—2:18, 2:18, 2:17½, 2:18½, 2:19½, 2:16½. to waggon—fastest four, five, and five consecutive heats; Sweetzer won the first fourth and sixth heats, Lucy the second, and Sleepy George the fifth—Buffalo, N Y Aug 2 '78.

2 miles—4:56½. Hero in harness, Union Course, L I May 17 '53.

2 miles—4:57½. James Polz under saddle also Roanoke Philadelphia June 30 '59.

2 miles—4:58½. Young America to waggon.

2 miles—5:04½. Bowery Boy under saddle, Centreville L I Sept 7 '29.

3 miles—7:44. Onida Chief under saddle, Beacon Course, Hoboken N J Aug 15, 1843.

3 miles—7:44. James K. Polk in harness Centreville Course L I Sept 13 '47.

THE END.

